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August 26, 2005

James S. Parker
James S. Parker, Patent Attorney

AMENDMENT UNDER 37 C.F.R. § 1.111
Examining Group 3744
Patent Application
Docket No. RTI-101XC1
Serial No. 10/625,014

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AUG 26 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : William E. Tapolcai
Art Unit : 3744
Applicants : Daniel P. Rini, Louis Chow, II, Randolph Anderson, Jayanta
Sankar Kapat, Bradley Carman, Brian Gulliver, Jose Mauricio
Recio
Serial No. : 10/625,014
Filed : July 22, 2003
Confirm. No. : 8426
For : Method and Apparatus for Highly Efficient Compact Vapor
Compression Cooling

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT UNDER 37 C.F.R. § 1.111

In response to the Office Action dated May 26, 2005, please amend the above-identified
application as follows:

Amendments to the claims are reflected in the listing of claims which begins on page 2 of
this paper.

Remarks/Arguments begin on page 17 of this paper.

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Docket No. RTI-101XC1

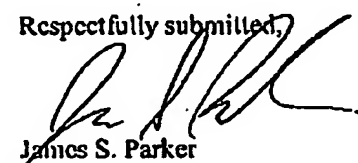
Serial No. 10/625,014

In view of the foregoing remarks and amendments to the claims, the applicants believe that the currently pending claims are in condition for allowance, and such action is respectfully requested.

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§1.16 or 1.17 as required by this paper to Deposit Account 19-0065.

Applicant invites the Examiner to call the undersigned if clarification is needed on any aspect of this response, or if the Examiner believes there remains any valid ground upon which any claim in this application may be rejected subsequent to entrance of this amendment.

Respectfully submitted,



James S. Parker

Patent Attorney

Registration No. 40,119

Phone No.: 352-375-8100

Fax No.: 352-372-5800

Address: Saliwanchik, Lloyd & Saliwanchik

A Professional Association

P.O. Box 142950

Gainesville, FL 32614-2950

JSP/kw/sjk

PATENT APPLICATION FEE DETERMINATION RECORD
Effective January 1, 2003

Application or Docket Number

10/425014

PTT-101YCI

CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
TOTAL CLAIMS	25	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	25 minus 20 =	5
INDEPENDENT CLAIMS	2 minus 3 =	-
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>		

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

12-16-04

	(Column 1)		(Column 2)	(Column 3)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	98	Minus	95	3
Independent	1	Minus	3	-
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>				

	(Column 1)		(Column 2)	(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	98	Minus	98	-
Independent	2	Minus	1	-
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>				

8-25-05

	(Column 1)		(Column 2)	(Column 3)
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	63	Minus	98	-
Independent	4	Minus	3	1
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>				

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SMALL ENTITY TYPE ☐ OR

RATE	FEE
BASIC FEE	375.00
X\$9=	
X42=	
+140=	
TOTAL	

OTHER THAN SMALL ENTITY

RATE	FEE
BASIC FEE	750.00
X\$18=	675
X84=	
+280=	
TOTAL	1050

SMALL ENTITY TYPE ☐ OR

RATE	ADDITIONAL FEE
X\$9=	75
X42=	
+140=	
TOTAL ADDIT. FEE	75

OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
X\$18=	
X84=	
+280=	
TOTAL ADDIT. FEE	

SMALL ENTITY TYPE ☐ OR

RATE	ADDITIONAL FEE
X\$9=	
X42=	
+140=	
TOTAL ADDIT. FEE	

OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
X\$18=	
X84=	
+280=	
TOTAL ADDIT. FEE	

SMALL ENTITY TYPE ☐ OR

RATE	ADDITIONAL FEE
X\$9=	
X42=	
+140=	
TOTAL ADDIT. FEE	

OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
X\$18=	
X84=	200.00
+280=	
TOTAL ADDIT. FEE	200.00

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